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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of:	MILLS, Diane G. et al	Group Art Unit: 2819
Serial No.	10/678,203	Examiner:
Filed:	10/03/2003	Atty. Dkt. No: 20020012-US

For: MULTI-TURBO MULTI-USER DETECTOR

To: Mail Stop IDS
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Fm: 24222

Dear Sir:

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Transmitted herewith is the Applicant's Information Disclosure Statement, 3 pages form 1449, 17 references and other information. Please enter in the above application and communicate in all related matters with the undersigned.

Please enter in the above applications and communicate in all related matters with the undersigned. All necessary fees are intended to be included, however the Office is hereby authorized to charge any deficiency or credit any overpayment in the fees to deposit account #500323.

Respectfully submitted,

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Attorneys/Agents for Applicant

CERTIFICATE OF MAILING 37 CFR 1.8: I certify that this correspondence is being deposited on the below date with the U.S. Postal Service with sufficient postage as FIRST CLASS MAIL addressed to: Mail Stop IDS, Commissioner of Patents, PO Box 1450, Alexandria, VA 22313-1450

Date: 01/20/2004

[/] Debra A. Stengel

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Date: [ ] Debra A. Stengel or [ ] Scott J. Asmus, Reg. No. 42,269

Commissioner:

INFORMATION DISCLOSURE STATEMENT

Applicants submit this statement and the attached 3 sheet(s) of form PTO-1449 and 17 references and other information in accordance to the duty of disclosure under 37 C.F.R. §§1.56,1.97, and 1.98, and requests consideration hereof. Copies of each cited U.S. patent and each U.S. patent application publication cited are not submitted herein pursuant to 37 CFR 1.98 (a)(2)(i) as the above cited application was filed after June 30, 2003.

Compliance with 37 C.F.R. §1.97: This Information Disclosure Statement is filed within three (3) months of the filing date of a National Application or before the mailing date of a first office action on the merits. No fee or certification is required.

Information Cited: The Applicants hereby make of record in the above-identified application, the information listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the reference. As all the references listed on attached Form PTO-1449 are in English, no commentary is required.

Remarks: A copy of each reference, together with a listing on Form PTO-1449(modified), is submitted herewith. Applicants respectfully request that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;

2. The enclosed form PTO-1449 (modified) be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application; and

3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. §1.56(b).

By submitting this Information Disclosure Statement, the Applicants make no representation that the information cited in the Statement is, or is considered to be, in fact, prior art as defined in 37 C.F.R. §102.

Notwithstanding any statement by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

An early and favorable action is hereby requested.

Respectfully submitted,

Scott J. Asmus, Reg. No. 42,269
Neil F. Maloney, Reg. No. 42,833
Andrew P. Cernota, Reg. No. 52,711
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				Examiner Name	
Sheet	1		3	Attorney Docket Number	20020012-US

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U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document Number Code	Kind	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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		P00R H. Vincent , Turbo Multiuser Detection: An Overview, IEEE 6th Int. Symp on Spread-Spectrum Tech. & Appli., NJIT New Jersey, USA Sept 6-8, pages 583-587	
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		HERZOG, Rupert et al.,Iterative Decoding and Despreading improves CDMA-Systems using M-ary Othogonal Modulation and FEC IEEE 1997 pages 909-913	

Examiner Signature		Date Considered	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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		REED, Mark C et at., Reduced Complexity Iterative Multi-User Detection for DS/CDMA with FEC, IEEE 1997, pages 10-14	
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		FORNEY, David G., Jr., Concatenated Codes, Technical Report, Dec. 1, 1965, 115 pgs. total	

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